

Winter - Summer 2007 SCHEDULE

Workshops to Improve Productivity by Investing in Energy Efficiency

**Your energy costs can be reduced 10-20 percent or more by implementing industrial best practices!
Learn how by signing up for one or more of these BestPractice Workshops today!**

Workshop descriptions - See reverse for complete schedule of classes.

Fundamentals of Compressed Air Systems (Advanced Course Also Available)

Many industries use compressed air systems as power sources for tools and equipment. This initial class demonstrates how to compute the current cost of your plant's compressed air systems, measure and create a baseline of system performance, and determine the impact of different compressor control types. Learn how to achieve cost savings through more effective production and use of compressed air. *For complete course information:*
http://www.eere.energy.gov/industry/bestpractices/training_compressed_air.html

Fan System Assessment

This one-day workshop highlights the benefits of optimizing fan performance to reduce costs. It introduces use of the Fan System Assessment Tool (FSAT) software, where users can: determine system efficiency, identify degraded fans, collect data for trending system operation, and quantify potential cost and energy savings. *For complete course information:*
http://www.eere.energy.gov/industry/bestpractices/fan_systems.html

Motor Systems Management

Motor Systems Management training is designed to help facility personnel reduce energy costs and increase the reliability of their systems. This one day workshop covers inventory tracking, maintenance, repair, power quality, management of power transmission and driven loads as they relate to motor operation. Learn the basics of MotorMaster+ software tool to evaluate motor performance and repair. *For complete course information:*
http://www.eere.energy.gov/industry/bestpractices/motor_systems.html

Process Heating Assessment

Advanced technologies and operating practices offer significant savings opportunities in process heating, with the potential to reduce energy consumption an additional 5 to 25 percent in the next decade. This one-day workshop includes an introduction to process heating and the equipment used by the industry, discussions of combustion, heat transfer in furnaces, waste heat recovery. Also, students will be instructed in the use of the Process Heating Assessment and Survey Tool (PHAST) software. *For complete course information:*
http://www.eere.energy.gov/industry/bestpractices/training_process_heating.html

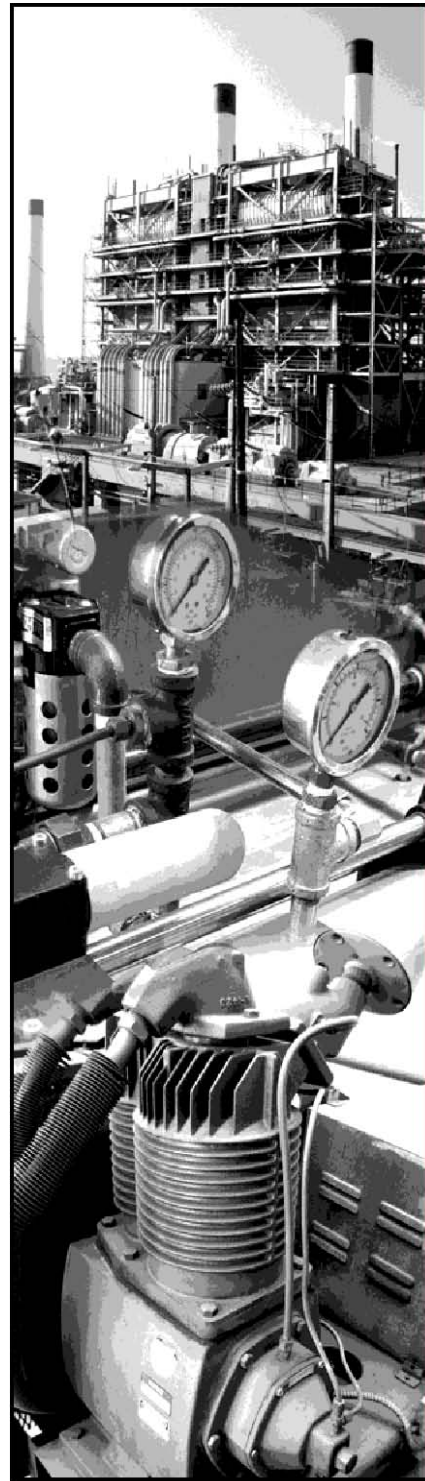
Pumping System Assessment

This one-day workshop covers practical issues involved in field measurements of fluid and electrical data. It offers an introduction to the Pumping System Assessment Tool (PSAT) software which is used to assess the performance of pump systems. Learn how the software functions, what data is required, how to use the software when measured data are not available, and what the assessment results mean. *For complete course information:*
http://www.eere.energy.gov/industry/bestpractices/pumping_systems.html

Steam System Assessment

Many facilities can save energy through the installation of more efficient steam equipment. This one-day course covers methods of system efficiency and operation of typical steam systems. Covers material in steam generation efficiency, steam distribution system losses, and resource effectiveness. *For complete course information:*
http://www.eere.energy.gov/industry/bestpractices/steam_systems.html

See the reverse side for workshops in your area.



WINTER - SUMMER 2007

California BestPractice & Efficiency Training Workshops

Industrial BestPractice workshops & technical training sessions are targeted to maintenance supervisors, plant engineers, and industry personnel responsible for the operation or maintenance of these systems.

<u>Date</u>	<u>Host</u>	<u>Course</u>	<u>To Register</u>
Feb 21-22	SMUD Sacramento, CA	Advanced Management of Compressed Air Systems	FULL
Mar 27-30	SMUD Sacramento, CA	AIRMaster+ Compressed Air Qualified Specialist Training	FULL
Apr 5	SCE Irwindale, CA	Process Heating Assessment	www.sce.com/ctac
Apr 17	PG&E Stockton, CA	Steam System Assessment	www.pge.com/education_training
Apr 18	PG&E San Jose, CA	Fan System Assessment	www.pge.com/education_training
May 15	PG&E Fresno, CA	Fundamentals of Compressed Air Systems	www.pge.com/education_training
May 16	SCE Irwindale, CA	Motor Systems Management	www.sce.com/ctac
May 23	SCE Irwindale, CA	Fundamentals of Compressed Air Systems	www.sce.com/ctac
Jun 19	SoCalGas Downey, CA	Steam System Assessment	seminars.socalgas.com
Jul 10	SoCalGas Downey, CA	Process Heating Assessment	seminars.socalgas.com
Jul 18	SCE Irwindale, CA	Pumping System Assessment	www.sce.com/ctac
Aug 21	SMUD Sacramento, CA	Motor Systems Management	https://usage.smud.org/yourAccount/ETCstudent/
Aug 23	SCE Irwindale, CA	Fan System Assessment	www.sce.com/ctac

Visit <http://www.energy.ca.gov/process/> for additional information.

Host Locations:

Pacific Gas & Electric
Pacific Gas & Electric
Pacific Gas & Electric
Sacramento Municipal Utility District
Southern California Gas Company
Southern California Edison

1129 Enterprise St Stockton, CA
2125 Canoas Garden Ave San Jose, CA
2252 S Orange St Fresno, CA
6301 S Street Sacramento, CA
9240 Firestone Blvd Downey, CA
6090 Irwindale Ave. Irwindale, CA

(209) 932-2529
(209) 932-2529
(209) 932-2529
(916) 732-5375
(562) 803-7570
(626) 812-7370

For General Information:

Industrial Energy Efficiency
California Energy Commission
1516 Ninth St. MS #42
Sacramento, CA 95814

industrialefficiency@energy.state.ca.us
(916) 654-4044

